Sectt. 11-27—35,006—30-10-37.

Develepment (1939) Department.

SERIES

G. O. No. 13

DATED 3. 1. 39

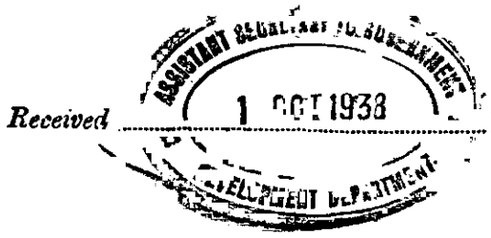
[Despatch Abstract.

Industries. Government Trades ...

Mangalore Development into a
Full-time Industrial School.
Direct proposals portfolio

C.F. 80.

Industries - **DEPARTMENT.**



Received 1 OCT 1938 19 *Registered* 26290 19

Subject.

Government Trades School, Mangalore

Development of - Part II proposals for 1939-40 -

Submitting -

1651/39-7 38
5588/1-5 3
1605/23 11
5104/28-2
6918/124
5211/144

ENCLOSURES.
No.
Spare copies

No. 4472-C/38.

Station Madras, *Dated the* 29th September 1938

From (Name) L.B.Green Esq., M.B.E.,

(Designation) Director of Industries.

To The Secretary to the Government of Madras,

Development Department.

Sir,

1651 (F) / 1938 abstract only

As foreshadowed in my letter No.4398-C/38, dated 2nd July 1938, I submit the following proposals for the development of the Government Trades School at Mangalore into a full time industrial school of woodworking, metal-working (mechanics work) and electric wiring.

2. At present the school provides instruction in (i) a five years part time (evening class) course of trades school classes for mechanics. and (ii) a two years full time course in woodwork. Both courses are defective, the mechanics course because there are not enough engineering works in the neighbourhood to provide a sound practical

training in association with the trade school class room instruction for a sufficient number of students, and the wood work course because the course of two years is too short to turn out a trained woodworker. The Board of Visitors are definitely of opinion that the school should now be reorganised as a full time industrial school on the lines of the schools at Madura, Calicut and Bellary and with classes in electric wiring in addition to the two subjects at present catered for. I am in agreement with the views of the Board and recommend that this should be done.

3. The present staff consist of one superintendent, two instructors and two part time assistant lecturers. If the school is converted into a full time industrial school, the two part time assistant lecturers will have to be replaced by one full time assistant lecturer on Rs.55-75 and two instructors on Rs.35-55, another instructor being appointed for Electric Wiring. The increase in numbers will involve increase in office work and a second clerk-storekeeper will be required as in Calicut and Bellary, whilst an increase in equipment and library will also be needed.

4. The extra cost of conducting the present two classes if reorganised as full time courses and of adding a course in electrical wiring will be as follows:

	Expenditure in the first year nine months. Rs.	Average cost Rs.
Recurring.		
Staff.		
1 Assistant Lecturer on Rs.55-75.	495	809
2 Instructors - Mechanical on Rs.35-55 each. 1 Instructor - Electric Wiring on Rs.35-55.	945	1,708
1 Clerk on Rs.30-3/2-45-2/2-55.	270	505
	1710	3,022
Less savings due to abolition of two part time assistant lecturers.	1000	
Net extra cost of staff.	710	

Scholarships

50 boys at annas 3, 3, 4, 5, 6, per day in long courses.	2,025	
5 - 10 boys in short course.	225	
	2,250	
Apparatus and materials.	4,000	
Less ordinary budget provision	1,700	
Extra cost.	2,300	
Wages. ...	2,000	
Other charges. ...	1,400	
Less usual budget provision.	900	
Extra	500	

Total extra Recurring cost
First year (nine months) Rs. 7,760/-
Rounded Rs.7,800/-

Non-recurring:

	Rs.	
Tools and machinery:		
Radial drilling machine.	4,000	
Hand shear.	700	
Bending machine.	170	
Loose tools.	2,000	
		Rs.6,870
Library books.	200	200
Equipment wiring class.	1,200	1,200
		Rs.8,270
Total extra First year ...		16,070
	Rounded	16,100

I accordingly request that provision be made in Part II of the budget for 1939-40 for Rs.16,100 to meet the additional cost involved in converting the Mangalore Trades School into a full time industrial school on the lines of the other muffassal schools and of adding a two years course in Electric Wiring as at Madura and Calicut.

VRN

Director of Industries.

Dev. Dept

Govt Trades School - Mangalore
Development — Part II scheme

CF From the D.I No L4)2 C/38 dt 29.9.38

U.S

Please see the D.I's letter in the CF

M and S C 2) The D.I has submitted Part II scheme proposals for converting the Mangalore Trades School into a full time Indl. School on the lines of the other mufassal Indl. Schools and of adding a two years' course in electric wiring as at Madura and Calicut

pp 3-4 of (N) The School was originally established as a Trades School - vide paras: 4-5 of DI's letter No 5404 C/38 dt 30.5.27 disposed of in Go No 691 Dev dt 12.4.29. A full history of the institute from its inception will be found in paras 1-3 and 10-12 on pp 1-3 of Go 877 Dev dt 31-3-38. (S) The School was made permanent

on 1-4-38. In this present letter the D.I points out that the existing classes in the Institute, viz: (i) classes for mechanics are defective and that the Board of visitors are of opinion that the School should be reorganised into a full time industrial School on the lines of the Schools at Bellary, Madura and Calicut and with classes in electric wiring. This may be agreed to

para 2 ppl - 2 CF
viz: (i) classes for mechanics
existing
Proceedings for opinion and that
Cir
(1) ✓

The net extra cost involved in the proposal is estimated at Rs 7800 recurring and 8270 non-recurring. The details for these amounts are furnished by the D.I in para 4 of his letter on pp 2:3 CF

P m/p 3 CF
M m/p 3 CF

In para 3 of his letter the Director points out that the School consists at present of a Supdt, two instructors and two part time asst. lecturers and that if the proposal to convert the School into a full time Industrial School is accepted the staff will have to be strengthened as follows

p 2 CF

(a) by abolishing the posts of part time lecturers and

(b) by substituting in their places

(1) One full time Asst. lecturer on Rs 55-75

(2) 2 Instructors-Mechanical Rs 35-55 each

(3) 1 Instructor (Electrical wiring) 35-55

The Director also states that one more clerk-storekeeper will be required. The staff proposed is based on the staff of the Indl. Schools, Madura and Calicut

	Madura	Calicut
Asst Lecturer	1 Asst Lecturer	1 Asst lecturer
2 Instructors (Mechanical) 2 —do— (woodwork) 1 —do— (Elect. wiring)	6 Instructors (Mechanical, woodwork and electric wiring)	5 Instructors (Mechanical, woodwork and elect. wiring)

Besides the staff mentioned above addl expenditure will be involved for scholarships apparatus and materials wages tools and machinery library book and equipment for wiring class as detailed at A on p 2 cf

In another file the D.I has submitted Part II Scheme

proposals for replacing the present scholarship system by a wage system. Under this scheme instead of the 33 % of the students in the Mod. Institute getting scholarships at the rates of Rs 5, 5, 6, 8 and 10 each student is to be paid wages as follows -

		Annas per working day
1st yr students		3
2nd yr	"	3
3rd yr	"	4
4th yr	"	5
5th yr	"	6

rates for grant of scholarships to 50 boys in the long course and 5-10 boys in the short course

The D.I. has accepted these subject to the acceptance of course of the proposals in the Part II Scheme for ~~scale shortly~~. As regards other items of expenditure these appear to be in accordance with the expenditure incurred in other full time industrial School

The Director's proposals may be accepted The remarks of the Fin. Dept may be invited

14.10.38 14.10.38.

Part I

ASSISTANT SECRETARY TO GOVERNMENT
13 OCT 1938
FINANCE DEPT

Fin

17/10/38

Finance

26290 11/38-1

37139 17/10/38

Finance (E. II)

PART II SCHEME FOR 1939-40.

Development of the Government Trades School, Mangalore.

The financial effect of the proposal is shown below:

	Ultimate cost		Cost in '39-4 (9 months)	
	Recurring. Rs.	Non-recurring Rs.	Recurring Rs.	Non-recurri Rs.
43.a. INDUSTRIES - Industries				
a.D. Industrial Schools				
a.D.1. Pay of establishments				
Pay of establishments--				
1 Asst. Lecturer on Rs. 55-5/2-75 (Ave. $67^4/_9$)	809	..	495	..
3 Instructors on Rs. 35-5/2-55 (Ave. $47^4/_9$)	1,708	..	945	..
1 clerk on 30-3/2-45-2/2-55 (Ave. $42\ ^1/_{12}$)	505	..	270	..
a.D.2. Scholarships and Stipends - Scholarships.	2,250	..	2,250	..
a.D.3. Other charges--				
Apparatus and materials	4,000	8,070	4,000	8,070
Wages of skilled and unskilled labour	2,000		2,000	..
Other charges	1,400	200	1,400	200
Total	12,672	8,270	11,360	8,270
Deduct--				
Savings due to abolition of two part-time assistant lecturers.	1,000	..	1,000	..
Provision now being made under apparatus and materials	1,700	..	1,700	..
Provision now being made under Other charges	900	..	900	..
	3,600		3600	
Net extra cost to Government.	9,072	8270	7760	8270

Details on page 2-3 e.F.

2. In May 1927, the Director of Industries reported that three small engineering workshops existed at Mangalore, and that it was necessary to set up a small set of classes for the young men and boys employed in those workshops on the lines of the Madras Trades School. The establishment of part-time classes to provide instruction in the wood-working and engineering trades including motor engineering was accordingly sanctioned by Government with effect from 1-6-1929 for a period of five years. The staff allowed then was somewhat curtailed during the retrenchment campaign. The present staff is as shown below:--

A on pages 3-4 of Go. no: 691 Dev (N) 12-4-29

Terms 3 and 6 on pages 14-15 of Go ibid.

Go. no. 521 Dev. (M) 14-4-32

1 Superintendent on Rs. 165-10/2-195-15/2-210

2 Instructors on Rs. 35-5/2-55

1 clerk on Rs. 30-55

1 peon on Rs. 12-17.

Go. 877 Dev. (S) for B1-3-38

In September 1937 the D.I. reported that the Institute was popular with the public of Mangalore and that it justified its existence. He accordingly recommended that the school with its staff should be retained on a permanent basis. This was sanctioned in G.O. No. 877 Dev dated 31-3-1938. In submitting his proposal for the permanent retention of the school no idea was given that the part-time school should be developed into a full-time Industrial school.

B on pages 1 and 3 of Go. (S)

C on page 3 of (S)

(S)

3. The Director now reports that the courses of instruction given in the school viz. (1) a five years' part-time (evening class) course of trades school classes for mechanics and (2) a two years' full-time course in woodwork are defective for the reasons given in para. 2 of his letter on pages 1-2 C.F. He accordingly proposes to raise the school to the status of a full-time Industrial school and

1 CF

X on page 1 CF

D on page 2 of

with classes in electric wiring in addition to the 2 subjects referred to above which will involve the incurring of additional expenditure, as detailed in para. 1 above.

4. The following remarks are called for:

(i) The existing school was made permanent only from 1-4-1938 on the strength of the Director's report that the part time classes were functioning properly. It is not clear why he now considers that the present arrangements are defective. If whole-time classes ar necessary it should be given effect to without involving large extra cost to Government. ~~The conversion of other industrial schools and the employment of full staff on their model will be only in normal times.~~ in order

(ii) The original idea of Government was only to start one Industrial school in the West Coast. It was subsequently found that a part-time course in Mangalore was alone sufficient in view of the small engineering works already existing there. The Director now wants to expand the activities of the courses given in the school by the addition of electr wiring course. Recently electric wiring course has been introduced in the Industrial school at Calicut. It seems that the needs of the West Coast in this regard should be met by the Calicut School. ~~It does not appear that the present is an opportune moment to incur more expenditure by widening~~ / keeping in view the expansion of the Mangalore ~~school~~.

(iii) The Director's demand for additional staf seems also somewhat over-pitched, e.g. there is small justification for sanctioning a second clerk-storekeeper, forthwith. The Director could have proposed

a more modest scheme.

(iv) It does not appear that the scheme in this case is urgent or absolutely essential. It seems it can wait.

In view of the considerations set forth above, Finance may, it is submitted, advise that the scheme may be deferred for the present.

21.11.38

It may also be mentioned that the financial position next year is expected to be worse than in the current year.

Thro' B.E. III

21.11

18.11.38

pvp

18.11.38

21.11.38

21.11.38

Dev

21.11

File no. 37199 E.II-9

21.11.38

Dev. Dept

U.S

Submitted for orders whether the Director's proposal may be agreed for the present for the reasons stated by the Finance Dept. in para 4 above and the Director asked to submit a more modest scheme.

23/11/38

ASSISTANT SECRETARY TO GOVERNMENT
22 NOV 1938
DEVELOPMENT DEPARTMENT

31460

SD

23.11.38

23/11

26.11.38

HM (I&C)

27/11/38

28.11.38

9

U.S

Please see the orders on p8 cute

A draft order is submitted for approval

29.12.98

29.12.98

29.12.98

C.F.17.

DRAFT FOR APPROVAL.

Dev.Dept.

	Date.	Initials.
When received for fair copying ..		
When copied ..		
When examined..		
When signed ..		
When despatched.		

SUBJECT:—

INDUSTRIES.

Govt. Trades School, Mangalore - Development into a full-time industrial school - Director's proposals - Postponed.

READ AGAIN _____, dated _____ 19____

" " _____ " _____ 19____

READ *ALSO*:—

No 26290 - II/38. From the D.I., No. 4472 C/38 dated 29-9-19 38

" _____ " _____ " _____ " _____ 19____

" _____ " _____ " _____ " _____ 19____

Order ~~Resolution~~ Ms. ~~Rout.~~ No. 13, dated 3 - 1 19 39

The Govt. are not prepared ~~to~~ to convert into a full-time industrial school the Mangalore Trade School ~~which~~ was made permanent ~~only~~ on 1-4-38. They observe that the demands of the Director of Industries & Commerce in regard to staff and equipment in connection with the conversion are rather extravagant. Should sufficient justification be adduced for the conversion it should be possible to introduce the whole-time classes at a much less cost than that proposed by

him. ~~Nor has~~ The need for a Second storekeeper, for example, has not been duly brought out ~~justified by him~~. As regards introducing the electric wiring course, the Director has not explained why the wiring course which was recently introduced in the Calicut School cannot fully meet the needs of the West Coast. If the Director of Industries & Commerce is of opinion that his proposal should be considered in connection with the Budget for 1940-41, he is requested to submit a more modest scheme in the light of the above observations.

S on p 7 nF

D on p 7 nF

M on p 8 nF

To the D.I & C.

Copy to the P.C. to H.M.(I.& L.)

Copy for stock file.

21.12.38.

27.12.38